AMENDMENTS TO THE CLAIMS:

1. (Withdrawn) A portable mobile unit capable of making bi-directional wireless communication, said unit comprising:

a controller for controlling an intensity of a transmission signal on the basis of an intensity control signal contained in a received signal,

wherein said controller carries out a control operation so that at least either one of a display or an alarm is generating when the intensity control signal contains a command to set the transmission signal to a maximum transmission output despite the intensity of the received signal being within a predetermined range.

2. (Previously Presented) A portable mobile unit according to claim 12, further comprising:

a receiver for outputting voice on the basis of an audio output signal included in said communication signal,

a microphone for converting voice into an input audio signal, and

a signal modulator for performing code modulation of said input audio signal,

wherein said downlink signal contains an intensity control signal for controlling intensity of said uplink signal, said control processor generates an alarm when a signal for maximizing intensity of said uplink signal included within said intensity control signal lasts for predetermined period of time or more, while said downlink signal is normally received at said receiver circuit; and

said control processor is supplied with said control signal from said signal demodulator; and said transmitter circuit amplifies and modulates an output from said signal modulator and sends out a resultant signal as an uplink from said antenna.

3. (Cancelled)

4. (Previously Presented) A portable mobile unit according to claim 12, further comprising:

a receiver for outputting voice on the basis of an audio output signal included in said communication signal,

a microphone for converting voice into an input audio signal, and

a signal modulator for performing code modulation of said input audio signal, ~~and~~

wherein said control processor generates an alarm when the number of communicable base stations is one; and

said control processor is supplied with said control signal from said signal demodulator; and said transmitter circuit amplifies and modulates an output from said signal modulator and sends out a resultant signal as an uplink from said antenna.

5. (Withdrawn) A communication system comprising:

a base station, and

a portable mobile unit capable of making bi-directional wireless communication with said base station, and provided with a controller for controlling a transmission intensity of an uplink signal on the basis of an intensity control signal included in a downlink signal from the base station,

wherein said base station judges as a failure for said uplink signal unable to reach said base station when condition in which the intensity of said reception uplink signal is lower than a predetermined level lasts for a predetermined period of time or longer even though the base

station transmits an intensity control signal which includes a command to set the transmission intensity of said uplink signal to a maximum transmission output, and said base station transmits a signal for either generating a display alarm or an audio alarm to said portable mobile unit.

6. (Withdrawn) A communication system comprising:

a base station, and

a portable mobile unit capable of making bi-directional wireless communication with said base station, provided with a controller for controlling a transmission intensity of an uplink signal on the basis of an intensity control signal included in a downlink signal from said base station, and for carrying out a charging procedure for the wireless communication made,

wherein said base station judges as a failure for said uplink signal unable to reach said base station when condition in which the intensity of said reception uplink signal is lower than a predetermined level lasts for a predetermined period of time or longer even though the base station transmits an intensity control signal which includes a command to set the transmission intensity of said uplink signal to a maximum transmission output, and said base station stops said charging procedure.

7. (Withdrawn) A method of generating an alarm when there is a possibility that a transmission signal in bi-directional wireless communication does not reach a base station though intensity of a received signal is within a normal range, said method comprising the steps of:

judging whether the intensity of said received signal is within a normal range,

judging whether an intensity control signal includes a command to set the intensity control signal to a maximum transmission output, and

generating either a display indicator or an alarm when said intensity control signal includes a command to set said intensity control signal to a maximum transmission output.

8. (Withdrawn) A method of generating an alarm when a judgement is made as an uplink signal failure in bi-directional wireless communication between a base station and a portable mobile unit in case said uplink signal failed to reach said base station though an intensity of a downlink signal is within a normal range, said method comprising the steps of:

receiving an intensity control signal included in said downlink signal which is transmitted from said base station,

judging whether said downlink signal is received normally at a receiver circuit,

judging whether a signal for maximizing the intensity of said uplink signal is included in said intensity control signal when said downlink signal is received normally,

measuring the time of said signal maximizing the intensity of said uplink signal, when said intensity control signal includes said signal for maximizing the intensity of said uplink signal, and

generating an alarm when said time measured lasts for a predetermined period of time or longer.

9. (Withdrawn) A method of generating an alarm when a judgement is given that an uplink signal in bi-directional wireless communication between a base station and a portable

mobile unit fails to reach the base station though the intensity of a downlink signal is within a normal range, said method comprising the steps of:

receiving an intensity control signal contained in the downlink signal and transmitted from the base station,

judging whether a receiver circuit receives said downlink signal normally,

judging whether an output from a transmitter circuit is at a maximum level when said downlink signal is normally received,

measuring the time during which the output from said transmitter circuit is at a maximum level, and

generating an alarm when the time measured lasts for a period of time not shorter than a predetermined period of time.

10. (Withdrawn) A method of generating an alarm when a judgement is given that an uplink signal in a bi-directional wireless communication between a base station and a portable mobile unit fails to reach said base station even though an intensity of a downlink signal is within a normal range, said method comprising the steps of:

counting the number of communicable base stations, and

generating an alarm when the number of said communicable base station is one.

11. (Withdrawn) A portable mobile unit capable of making bi-directional wireless communication, said unit comprising:

a controller for controlling the intensity of a transmission signal on the basis of an intensity control signal contained in a received signal,

wherein said controller carries out a control operation so that at least either one of a display alarm or an audio alarm is made when the intensity control signal contains a command to set the transmission signal to a maximum transmission output.

12. (Currently Amended) A portable mobile unit comprising:

a receiver circuit for receiving a downlink signal from a base station,

a signal demodulator for dividing an output from said receiver circuit into a communication signal and a control signal,

a control processor operative for receiving said control signal, and

a transmitter circuit for amplifying and modulating an output signal to be transmitted as an uplink signal from an antenna,

~~wherein~~ wherein:

said control signal contains an intensity control signal ~~for controlling~~ to control the intensity of said uplink signal, and

said control processor ~~generating~~ generates an alarm associated with the uplink signal ~~when a signal for maximizing intensity of said uplink signal included within said control signal lasts for predetermined period of time~~ in response to receipt of an intensity control signal included in the control signal for maximizing the intensity of said uplink signal while said downlink signal is normally received.

13. (Previously Presented) A portable mobile unit according to claim 12, wherein said control processor generates an alarm when the number of base stations said portable mobile unit can communicate with properly is one.

14. (New) The portable mobile unit of claim 12, wherein the control processor is configured to generate the alarm in response to the intensity control signal for maximizing the intensity of the uplink signal lasting for a predetermined period of time.